

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/568,762
Source: FWP
Date Processed by STIC: 2/28/06

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/568,762

CRF Edit Date: 3/2/06
Edited by: M

— Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

— Corrected the SEQ ID NO. Sequence numbers edited were:

— Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

 Deleted: _____ invalid beginning/end-of-file text ; _____ page numbers

— Inserted mandatory headings/numeric identifiers, specifically:

— Moved responses to same line as heading/numeric identifier, specifically:

— Other:



IFWP

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/568,762

DATE: 03/02/2006
TIME: 16:30:02

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF4\03022006\J568762.raw

3 <110> APPLICANT: Bayer AG, BHC
 5 <120> TITLE OF INVENTION: Diagnostics and Therapeutics for Diseases Associated with
 Kallikrein 8
 6 (KLK8)
 8 <130> FILE REFERENCE: Le A 36 870
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/568,762
 C--> 10 <141> CURRENT FILING DATE: 2006-02-21
 10 <160> NUMBER OF SEQ ID NOS: 5
 12 <170> SOFTWARE: PatentIn version 3.1
 14 <210> SEQ ID NO: 1
 15 <211> LENGTH: 783
 16 <212> TYPE: DNA
 17 <213> ORGANISM: Homo sapiens
 19 <400> SEQUENCE: 1
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 21 gcctggcag gacactccag ggcacaggag gacaagggtgc tggggggtca tgagtgc 120
 22 cccattcgc agccttggca ggcggccttg ttccaggccc agcaactact ctgtggcg 180
 23 gtcctttagt gtggcaactg gtccttaca gctgcccact gtaaaaaacc gaaatacaca 240
 24 gtacgcctgg gagaccacag cctacagaat aaagatggcc cagagcaaga aatacctgt 300
 25 gttcagtcca tcccacaccc ctgcataaac agcagcgatg tggaggacca caaccatgat 360
 26 ctgatgcttc ttcaactgcg tgaccaggca tccctgggt ccaaagtgaa gcccatcagc 420
 27 ctggcagatc attgcaccca gcctggccag aagtgcaccg tctcaggctg gggcaactgtc 480
 28 accagtcccc gagagaattt tcctgacact ctcaactgtg cagaagtaaa aatcttccc 540
 29 cagaagaagt gtgaggatgc ttacccgggg cagatcacag atggcatggt ctgtgcaggc 600
 30 agcagcaaag gggctgacac gtgccagggc gattctggag gccccctggt gtgtgatggt 660
 31 gcaactccagg gcatcacatc ctggggctca gaccctgtg ggaggtccga caaacctggc 720
 32 gtctatacca acatctgccg ctacctggac tggatcaaga agatcatagg cagcaaggc 780
 33 tga 783
 35 <210> SEQ ID NO: 2
 36 <211> LENGTH: 260
 37 <212> TYPE: PRT
 38 <213> ORGANISM: Homo sapiens
 40 <400> SEQUENCE: 2
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 42 1 5 10 15
 43 Leu Leu Gly Gly Ala Trp Ala Gly His Ser Arg Ala Gln Glu Asp Lys
 44 20 25 30
 45 Val Leu Gly Gly His Glu Cys Gln Pro His Ser Gln Pro Trp Gln Ala
 46 35 40 45
 47 Ala Leu Phe Gln Gly Gln Gln Leu Leu Cys Gly Gly Val Leu Val Gly
 48 50 55 60
 49 Gly Asn Trp Val Leu Thr Ala Ala His Cys Lys Lys Pro Lys Tyr Thr
 50 65 70 75 80
 51 Val Arg Leu Gly Asp His Ser Leu Gln Asn Lys Asp Gly Pro Glu Gln

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DATE: 03/02/2006
TIME: 16:30:02

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF4\03022006\J568762.raw

52	85	90	95	
53	Glu Ile Pro Val Val Gln Ser Ile Pro His Pro Cys Tyr Asn Ser Ser			
54	100	105	110	
55	Asp Val Glu Asp His Asn His Asp Leu Met Leu Leu Gln Leu Arg Asp			
56	115	120	125	
57	Gln Ala Ser Leu Gly Ser Lys Val Lys Pro Ile Ser Leu Ala Asp His			
58	130	135	140	
59	Cys Thr Gln Pro Gly Gln Lys Cys Thr Val Ser Gly Trp Gly Thr Val			
60	145	150	155	160
61	Thr Ser Pro Arg Glu Asn Phe Pro Asp Thr Leu Asn Cys Ala Glu Val			
62	165	170	175	
63	Lys Ile Phe Pro Gln Lys Lys Cys Glu Asp Ala Tyr Pro Gly Gln Ile			
64	180	185	190	
65	Thr Asp Gly Met Val Cys Ala Gly Ser Ser Lys Gly Ala Asp Thr Cys			
66	195	200	205	
67	Gln Gly Asp Ser Gly Gly Pro Leu Val Cys Asp Gly Ala Leu Gln Gly			
68	210	215	220	
69	Ile Thr Ser Trp Gly Ser Asp Pro Cys Gly Arg Ser Asp Lys Pro Gly			
70	225	230	235	240
71	Val Tyr Thr Asn Ile Cys Arg Tyr Leu Asp Trp Ile Lys Lys Ile Ile			
72	245	250	255	
73	Gly Ser Lys Gly			
74	260			
76	<210> SEQ ID NO: 3			
77	<211> LENGTH: 21			
78	<212> TYPE: DNA			
79	<213> ORGANISM: artificial sequence			
81	<220> FEATURE:			
82	<223> OTHER INFORMATION: forward primer			
84	<400> SEQUENCE: 3			
85	cctggcgct ataccaacat c	21		
87	<210> SEQ ID NO: 4			
88	<211> LENGTH: 19			
89	<212> TYPE: DNA			
90	<213> ORGANISM: artificial sequence			
92	<220> FEATURE:			
93	<223> OTHER INFORMATION: reverse primer			
95	<400> SEQUENCE: 4			
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98	<210> SEQ ID NO: 5			
99	<211> LENGTH: 27			
100	<212> TYPE: DNA			
101	<213> ORGANISM: artificial sequence			
103	<220> FEATURE:			
104	<223> OTHER INFORMATION: probe			
106	<400> SEQUENCE: 5			
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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/568,762

DATE: 03/02/2006

TIME: 16:30:03

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\03022006\J568762.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

Raw Sequence Listing before editing (for reference only)



IFWP

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/568,762

DATE: 02/28/2006
TIME: 15:13:45

Input Set : A:\pto.da.txt
Output Set: N:\CRF4\02282006\J568762.raw

3 <110> APPLICANT: Bayer AG, BHC
 5 <120> TITLE OF INVENTION: Diagnostics and Therapeutics for Diseases Associated with
 Kallikrein 8
 6 (KLK8)
 8 <130> FILE REFERENCE: Le A 36 870
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 15 <211> LENGTH: 783
 16 <212> TYPE: DNA
 17 <213> ORGANISM: Homo sapiens
 19 <400> SEQUENCE: 1
 20 atgggacgcc cccgacctcg tgccggccaag acgtggatgt tcctgctttt gctggggggga 60
 21 gcctgggcag gacactccag ggcacaggag gacaagggtgc tgggggggtca tgagtgc当地 120
 22 ccccatccgc agccttggca ggcggccttg ttccaggggcc agcaactact ctgtggcggt 180
 23 gtcctttagt gtggcaactg ggtccttaca gctgcccact gtaaaaaacc gaaatacaca 240
 24 gtacgcctgg gagaccacag cctacagaat aaagatggcc cagagcaaga aatacctgtg 300
 25 gttcagtccca tcccacaccc ctgctacaac agcagcgtatg tggaggacca caaccatgtat 360
 26 ctgatgcttc ttcaactgcg tgaccaggca tccctgggtt ccaaagtgaa gcccattcagc 420
 27 ctggcagatc attgcaccca gcctggccag aagtgcaccg tctcaggctg gggcaactgtc 480
 28 accagtcccc gagagaattt tccctgacact ctcaactgtg cagaagtaaa aatctttccc 540
 29 cagaagaagt gtgaggatgc ttacccgggg cagatcacag atggcatggg ctgtgcaggc 600
 30 agcagcaaaag gggctgacac gtgccagggc gattctggag gccccctgggt gtgtgatgg 660
 31 gcaactccagg gcatcacatc ctggggctca gaccctgtg ggaggtccga caaacctggc 720
 32 gtctataccca acatctgccc ctacctggac tggatcaaga agatcatagg cagcaaggc 780
 33 tga 783
 35 <210> SEQ ID NO: 2
 36 <211> LENGTH: 260
 37 <212> TYPE: PRT
 38 <213> ORGANISM: Homo sapiens
 40 <400> SEQUENCE: 2
 41 Met Gly Arg Pro Arg Pro Arg Ala Ala Lys Thr Trp Met Phe Leu Leu
 42 1 5 10 15
 43 Leu Leu Gly Gly Ala Trp Ala Gly His Ser Arg Ala Gln Glu Asp Lys
 44 20 25 30
 45 Val Leu Gly Gly His Glu Cys Gln Pro His Ser Gln Pro Trp Gln Ala
 46 35 40 45
 47 Ala Leu Phe Gln Gly Gln Gln Leu Leu Cys Gly Gly Val Leu Val Gly
 48 50 55 60
 49 Gly Asn Trp Val Leu Thr Ala Ala His Cys Lys Lys Pro Lys Tyr Thr
 50 65 70 75 80
 51 Val Arg Leu Gly Asp His Ser Leu Gln Asn Lys Asp Gly Pro Glu Gln

PP.2-3

**Does Not Comply
Corrected Diskette Needed**

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/568,762

DATE: 02/28/2006
TIME: 15:13:45

Input Set : A:\pto.da.txt
Output Set: N:\CRF4\02282006\J568762.raw

52	85	90	95
53	Glu Ile Pro Val Val Gln Ser Ile Pro His Pro Cys Tyr Asn Ser Ser		
54	100	105	110
55	Asp Val Glu Asp His Asn His Asp Leu Met Leu Leu Gln Leu Arg Asp		
56	115	120	125
57	Gln Ala Ser Leu Gly Ser Lys Val Lys Pro Ile Ser Leu Ala Asp His		
58	130	135	140
59	Cys Thr Gln Pro Gly Gln Lys Cys Thr Val Ser Gly Trp Gly Thr Val		
60	145	150	155
61	Thr Ser Pro Arg Glu Asn Phe Pro Asp Thr Leu Asn Cys Ala Glu Val		
62	165	170	175
63	Lys Ile Phe Pro Gln Lys Lys Cys Glu Asp Ala Tyr Pro Gly Gln Ile		
64	180	185	190
65	Thr Asp Gly Met Val Cys Ala Gly Ser Ser Lys Gly Ala Asp Thr Cys		
66	195	200	205
67	Gln Gly Asp Ser Gly Gly Pro Leu Val Cys Asp Gly Ala Leu Gln Gly		
68	210	215	220
69	Ile Thr Ser Trp Gly Ser Asp Pro Cys Gly Arg Ser Asp Lys Pro Gly		
70	225	230	235
71	Val Tyr Thr Asn Ile Cys Arg Tyr Leu Asp Trp Ile Lys Lys Ile Ile		
72	245	250	255
73	Gly Ser Lys Gly		
74	260		
76	<210> SEQ ID NO: 3		
77	<211> LENGTH: 21		
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84	<400> SEQUENCE: 3		
85	cctggcgtct ataccaaact c		21
87	<210> SEQ ID NO: 4		
88	<211> LENGTH: 19		
89	<212> TYPE: DNA		
90	<213> ORGANISM: artificial sequence		
92	<220> FEATURE:		
93	<223> OTHER INFORMATION: reverse primer		
95	<400> SEQUENCE: 4		
96	atcagccctt gctgcctat		19
98	<210> SEQ ID NO: 5		
99	<211> LENGTH: 27		
100	<212> TYPE: DNA		
101	<213> ORGANISM: artificial sequence		
103	<220> FEATURE:		
104	<223> OTHER INFORMATION: probe		
106	<400> SEQUENCE: 5		
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W-->	112 - 2 -		

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/568,762

DATE: 02/28/2006
TIME: 15:13:45

Input Set : A:\pto.da.txt
Output Set: N:\CRF4\02282006\J568762.raw

W--> 116 Le A 36 870-Foreign Countries
W--> 119 - 1 -

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/568,762

DATE: 02/28/2006

TIME: 15:13:46

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\02282006\J568762.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:109 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:5
L:112 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:5
L:116 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:5
L:119 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:5